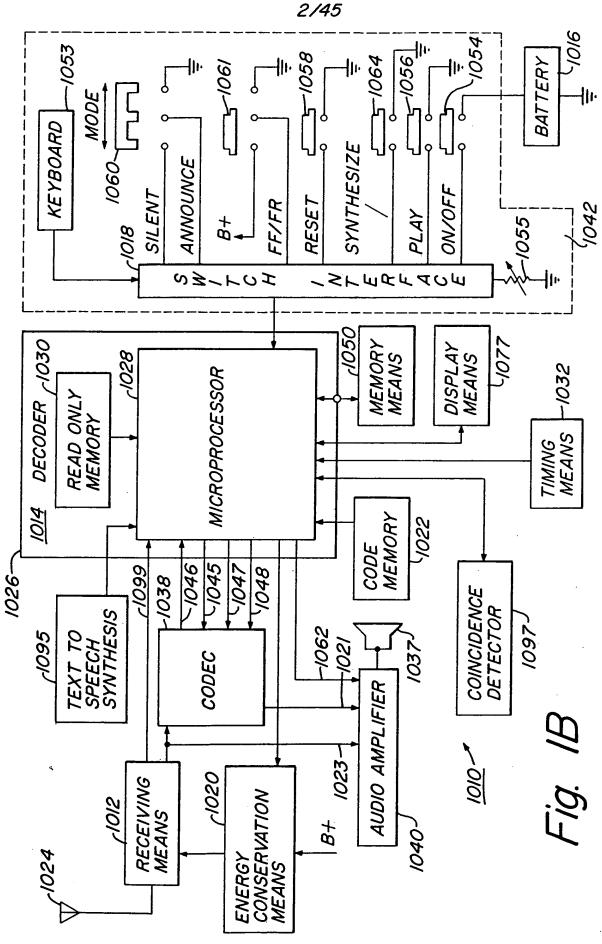
Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119 DEC 0 6 2005 Page 1 of 45 ~1/45 054 1058 111 110 BATTER) 1901 111 MODE **KEYBOARD** 1056--0901 810P ON/OFF 1053 SILENT RESE 7 FF/FR 1055 8+ PTL **S** ト を た な ら を のダートロエ 1050 MEMOR MICROPROCESSOR 1032 READ ONLY MEMORY DECODER TIMING MEANS 0201, 1014 CODE MEMORY 2201) 1045 8401 Fig. 14 (PRIOR ART) US PATENT NO. 5,153,579 -1046 1026--1047 1038 7901 CODEC 1037 6601-AUDIO AMPLIFIER 10101 1023~ 050 1040-RECEIVING MEANS ENERGY CONSERVATION MEANS 8+

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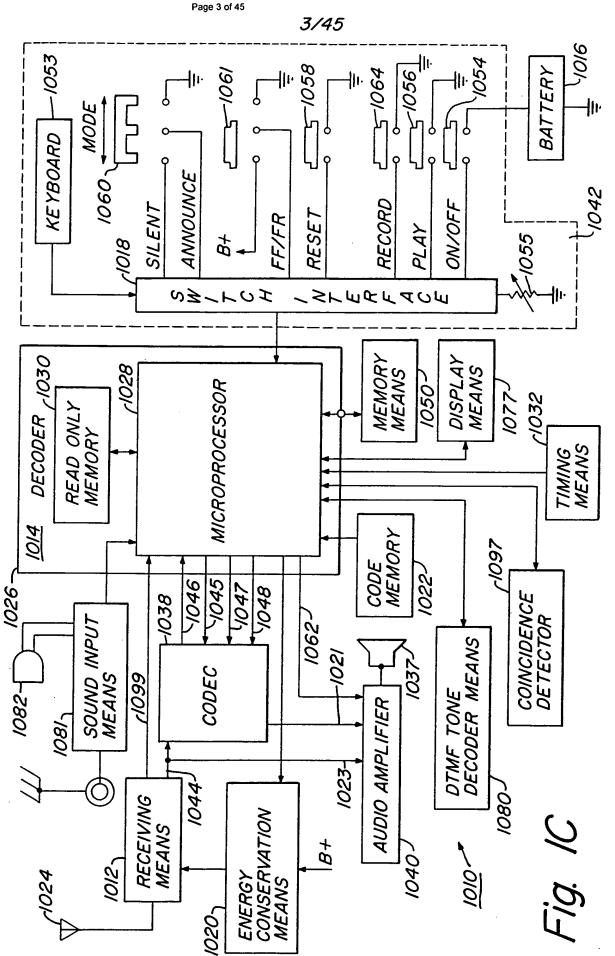
STEW & TRACE

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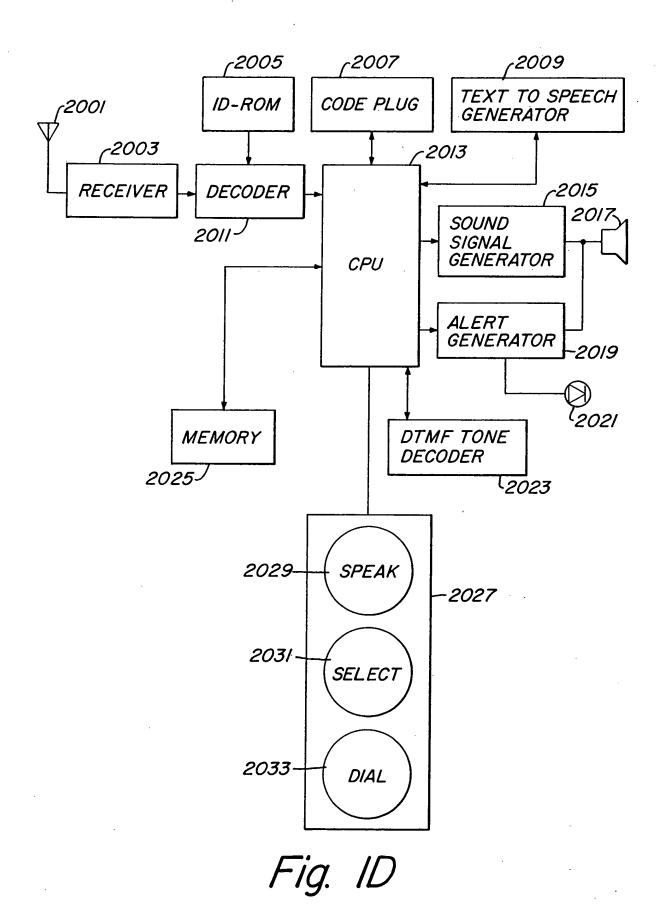


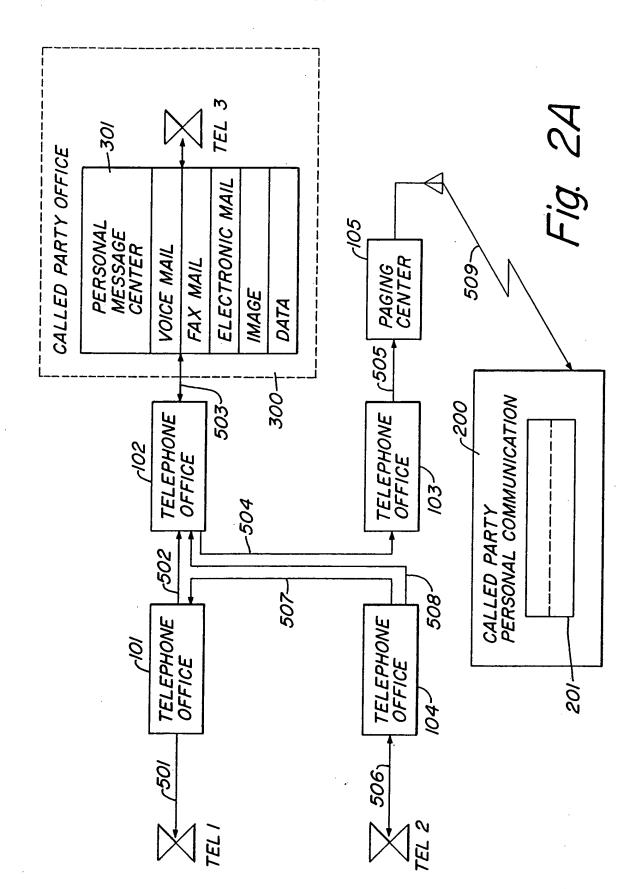
Title: Method and Apparatus for Improved Personal Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119



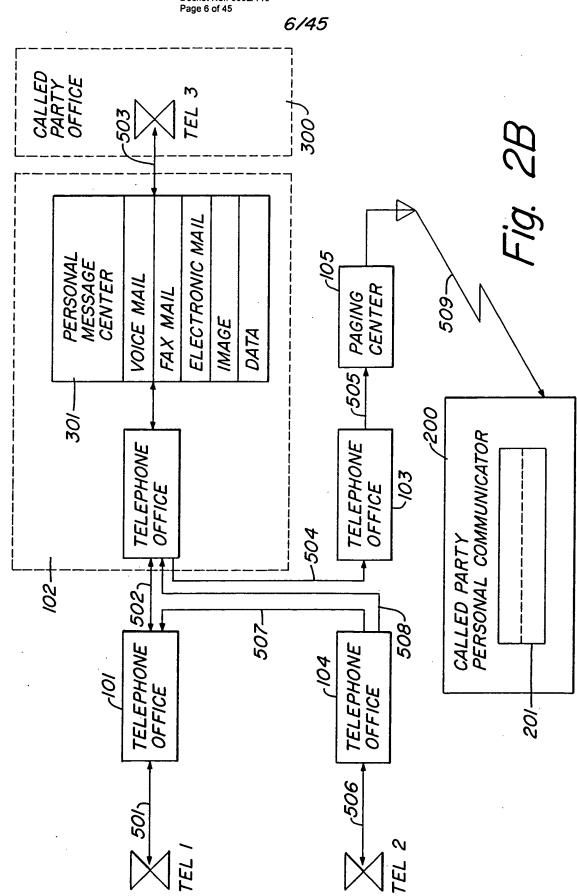
Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119

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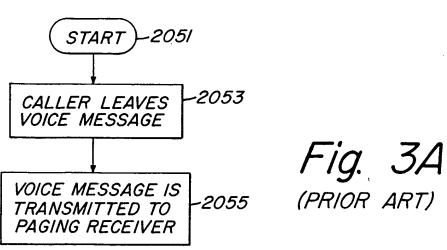


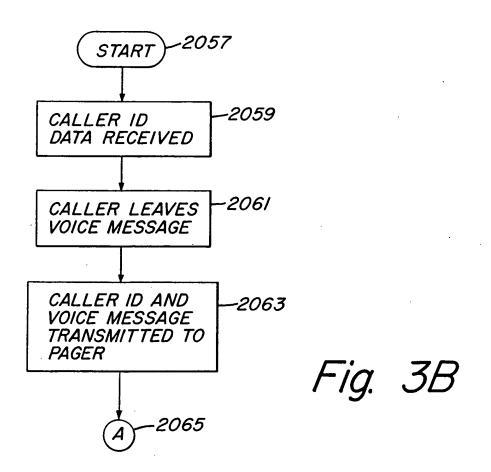
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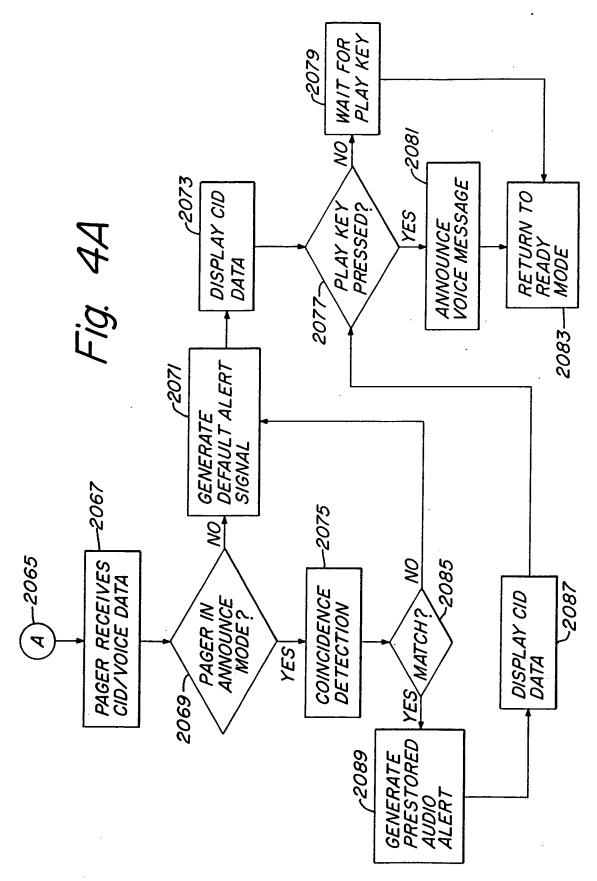
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Communication Device

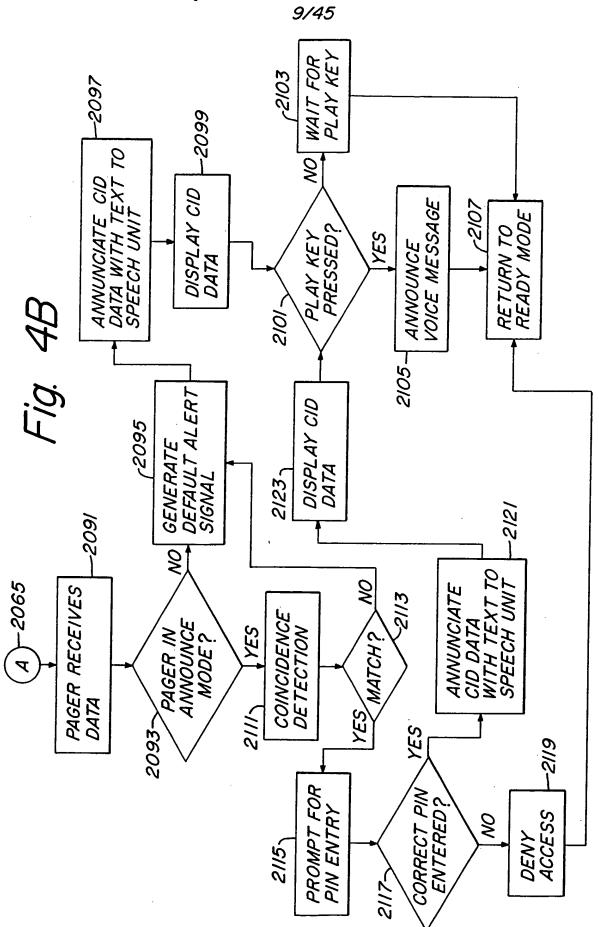
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Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119 Page 10 of 45 10/45 DECODED DIGITS WAIT FOR PLAY KEY VOICE MESSAGE RETURN TO READY MODE CALLER" -2149 1YES BACK CALL DISPLA! ANNOUNCE PARTY WA/T 2143 2159~ 2/55-8 YES 8 2/5/-DATA RECORD AND DECODED DIGITS DISPLAY MATCHING SIGNAL RECEIVED RETRIEVE DTWF ,YES PRESSED? GENERATE DIAL MATCHY PLAY KE) -2153 2141. SIGNAL 2157 2147-2145-COINCIDENCE DETECTION 75/39 ANNUNCIATE "UNKNOWN -2137 CALLER", DECODED DIGITS 8 2/3/ AUDIBLE DTMF SIGNALS APPLIED TO DTMF/VOICE AUDIO SIGNALS 8 2135 PAGER RECEIVES ANNOUNCE MODE? COINCIDENCE DETECTION TONE DECODER MEANS YES, PAGER IN 2065-2129-RECORD AND DECODED 2125-**ANNUNCIATE** 2127-MATCHING DATA 21337 0/6/75

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Title: Method and Apparatus for Improved Personal Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119 Page 11 of 45 11/45 FOR WAIT FOR PLAY KEY 2/85~ 8 -2187 5189 ANNOUNCE VOICE MESSAGE RETURN TO READY MODE PRESSED? YES PLAY KE) DISPLAY MATCHING DATA RECORD RECEIVED 2183--2173 , TEXT 70 -2171 2167 ANNUNCIATE AND DISPLAY DATA COINCIDENCE DETECTION PAGER IN ANNOUNCE MODE? YES MATCHY 2163 TEXT DATA MATCHING TO TO SPEECH

-69/2

DISPLAY

8

MATCH?

COINCIDENCE DETECTION

52127

PAGER RECEIVES NUMERIC

-/9/2

2065-

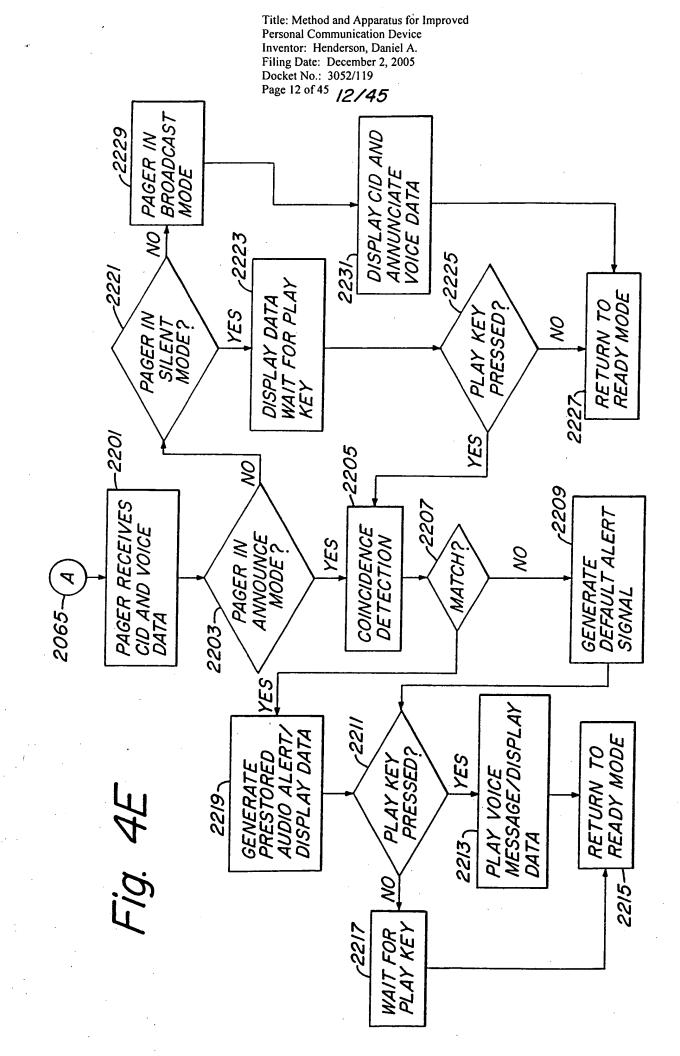
TEXT/VOICE MESSAGE

2177

ZAZ ZEZ

2179

YES



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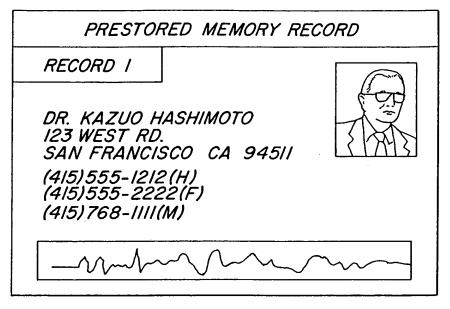
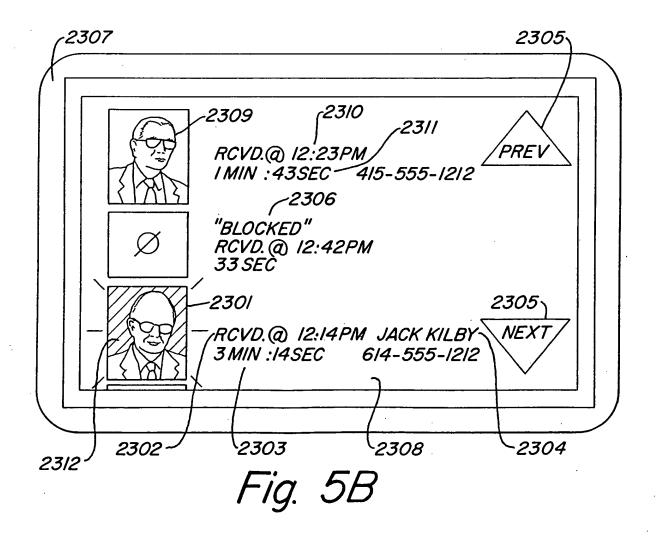


Fig. 5A

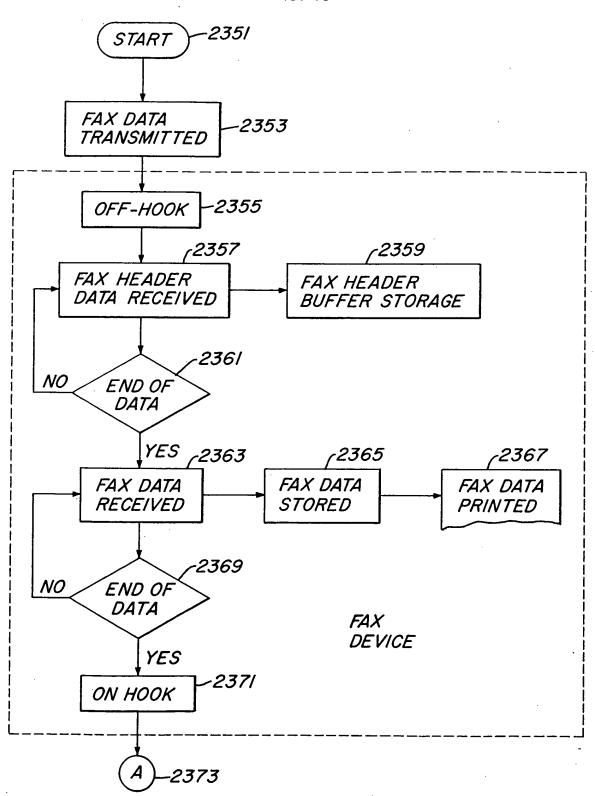


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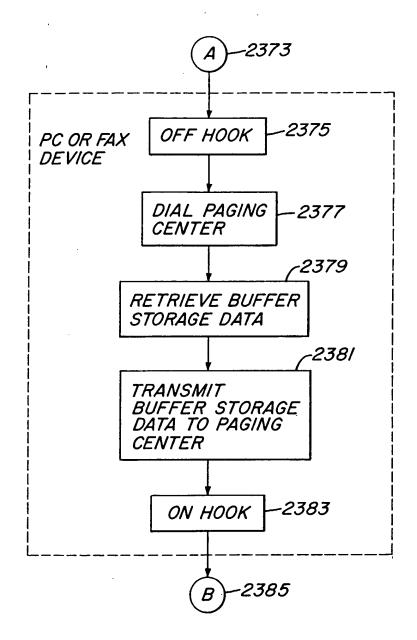
	9	CALLER ID MEMORY ADDRESS REGISTER	RESS REGISTER	
CALL	CALLING NUMBER	CALLING NAME	TIME/DATE	VOICE DATA
_	415-555-1212	KAZUO HASHIMOTO	12:23 PM 3/13/93	Mummum
~	BLOCKED	BLOCKED	12:42 PM 3/13/93	BLOCKED
W	6/9-555-12/2	JACK KILBY	02:14 PM 3/13/93	1 my my my my my
•				•
•				•
•				•
•				•
•				•
•				•
•				•
•				•
*	817-555-1212	THOMAS EDISON	OI:33 AM 3/14/93	Manne

ig. 5C

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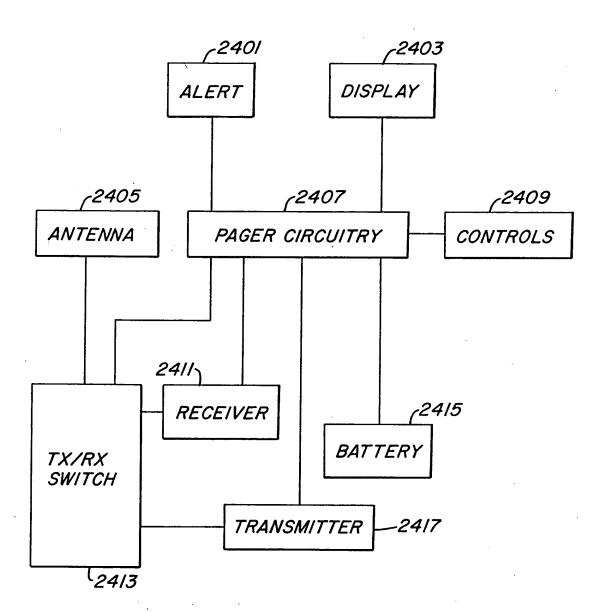
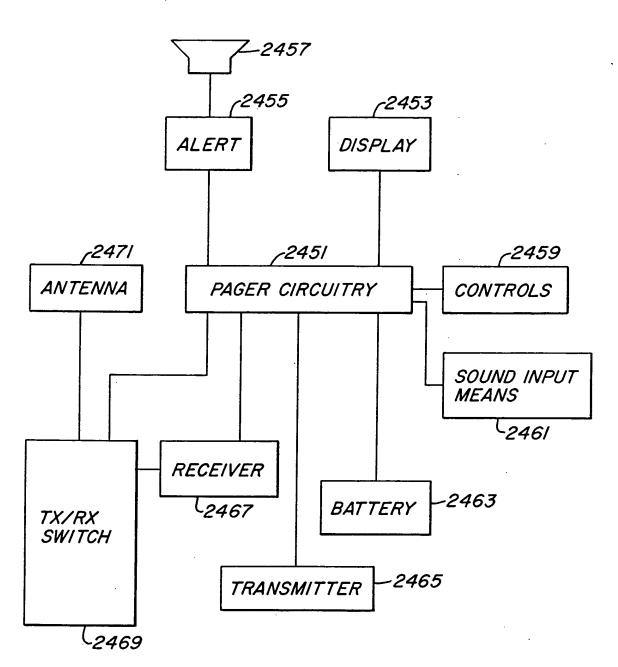


Fig. 7A

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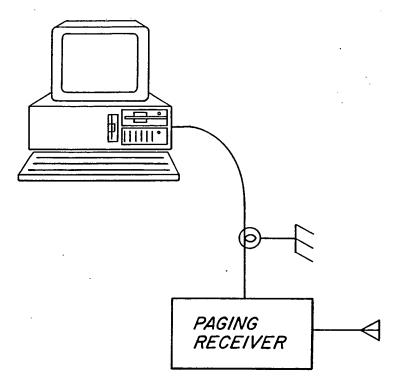
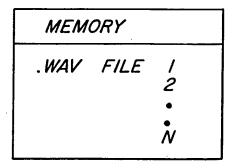
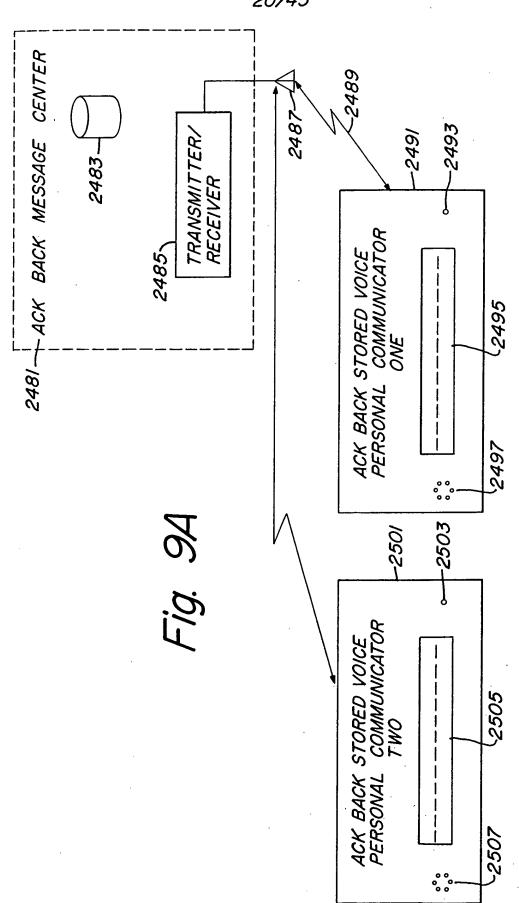


Fig. 8A

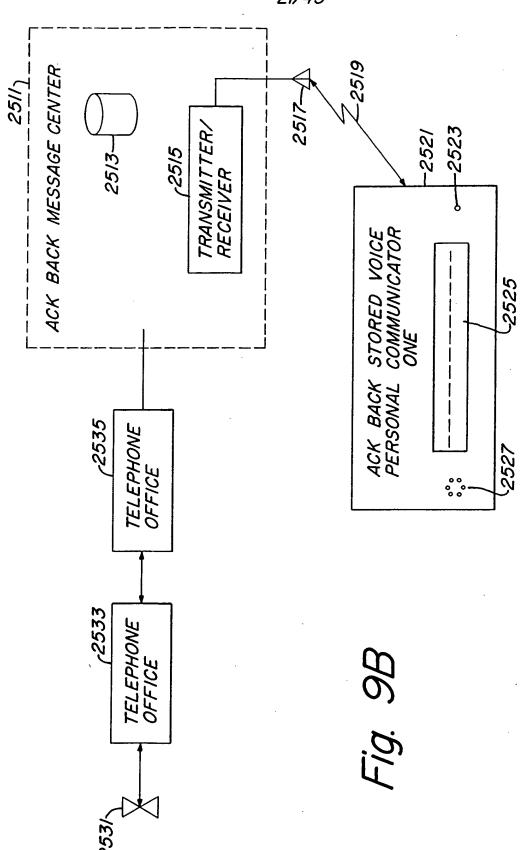


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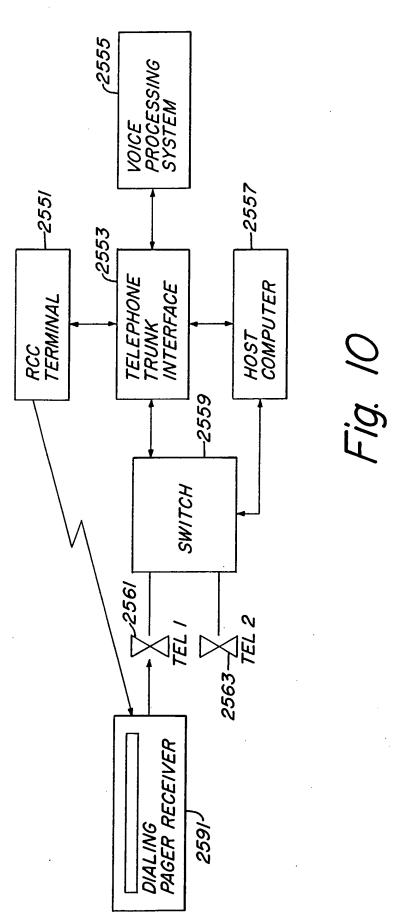


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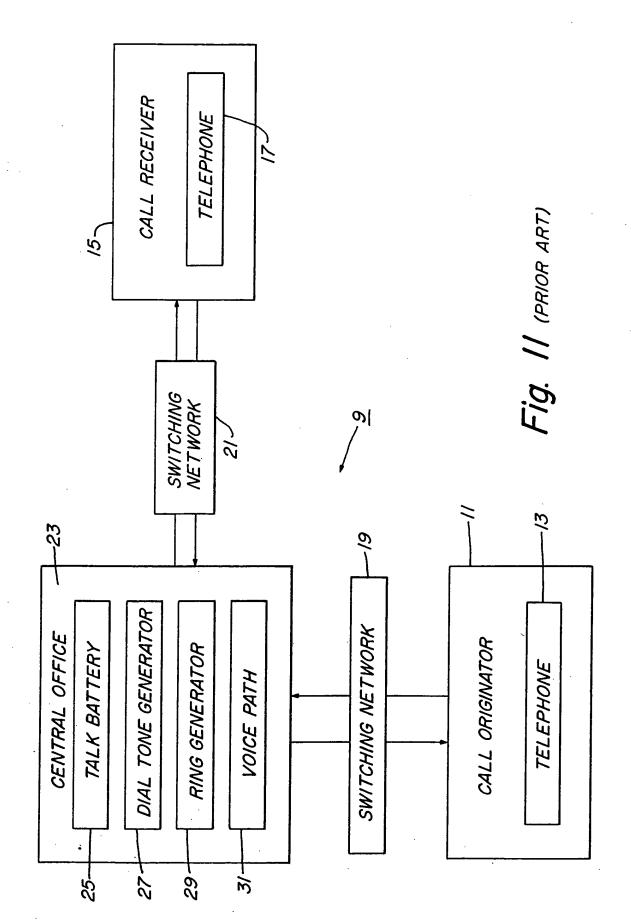




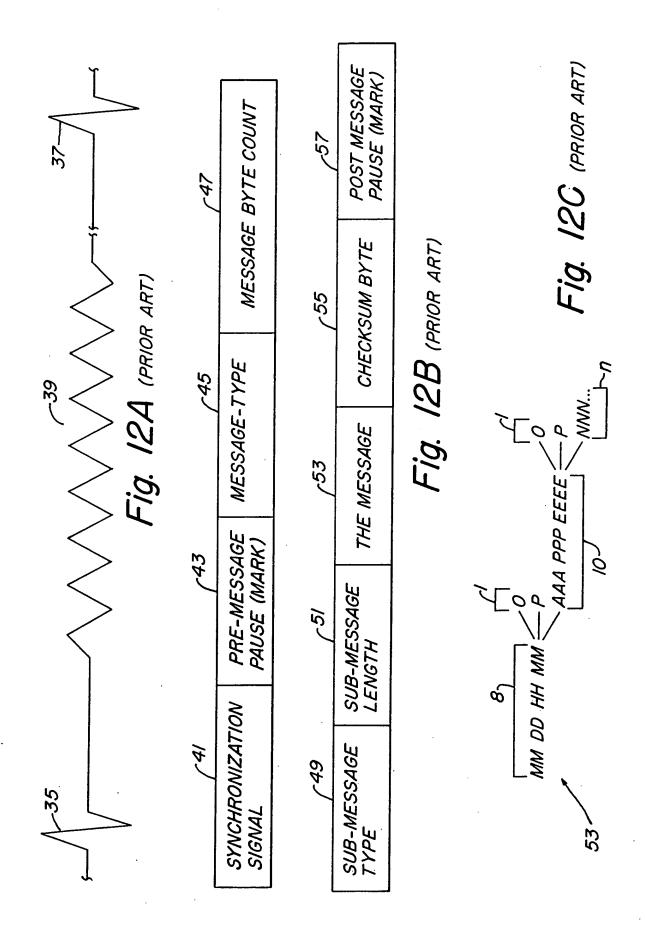
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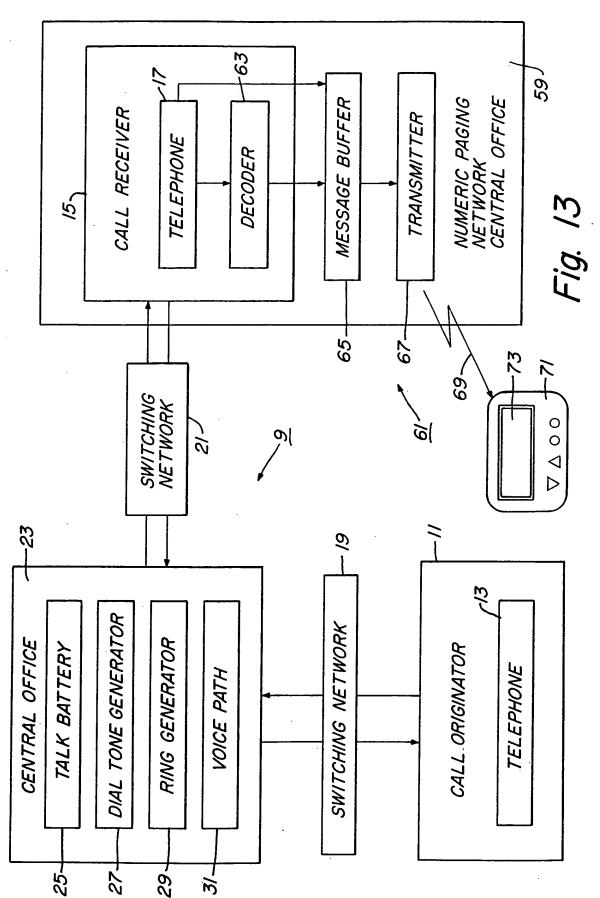
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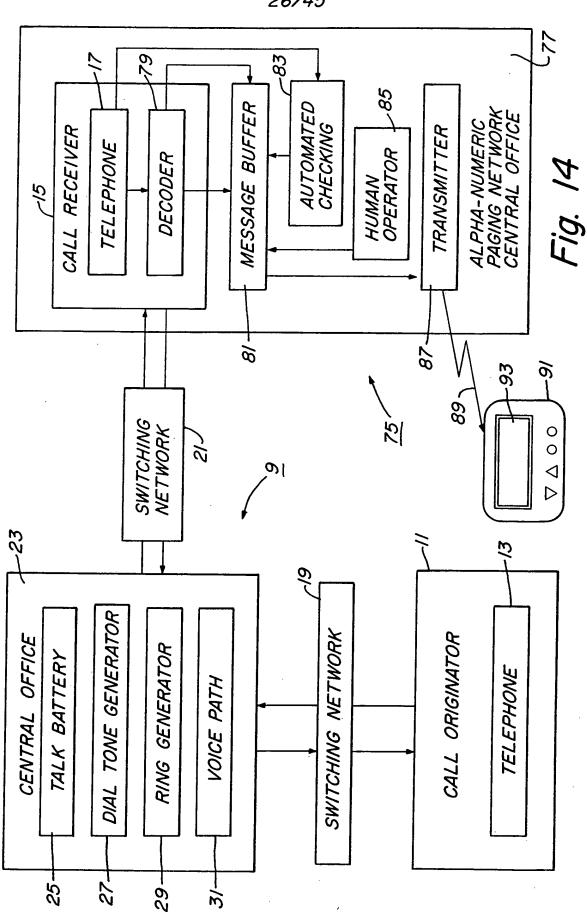


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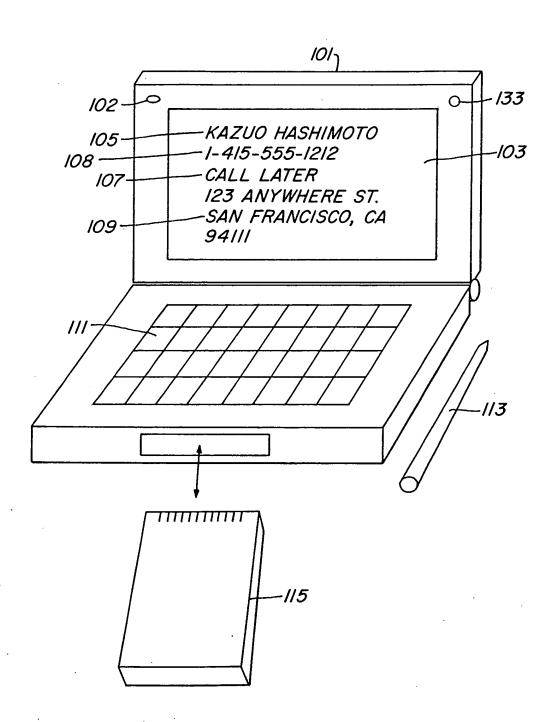
MESSAGE CODE NO.	TEXTUAL MESSAGE
*/	CALL WHEN YOU RETURN
*2	VOICE MAIL RECEIVED
*3	FAX MAIL RECEIVED
*4	ELECTRONIC MAIL RECEIVED
*5	IMAGE DATA RECEIVED
*6	OTHER DATA RECEIVED
*9//	CALL IMMEDIATELY
•	

Fig. 15

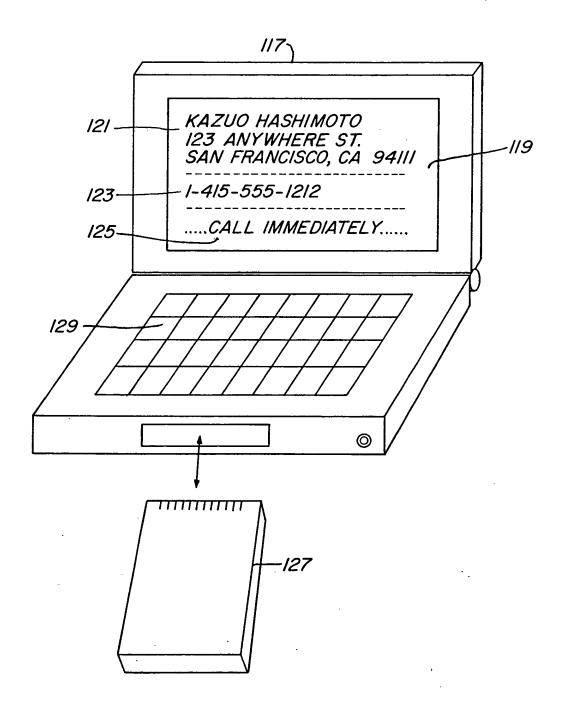
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CALLER MESSAGE CODE (DTMF ENTRY)	NN	MM	ZI	02
CALLER IDENTIFICATION DATA (DTMF ENTRY BY CALLER)	ABC	DEF	LMN	WXY
CALLER (NUMERIC LOCATION CALLER ID DATA FROM TEL. CO.)	NNNN	MMMMM	XXXX	KKKK
<u> </u>	. 0		 64	20

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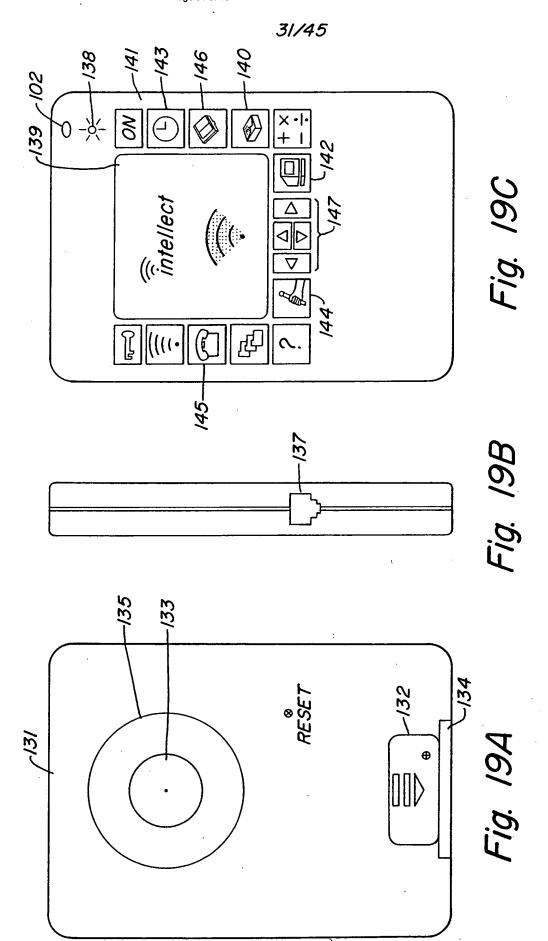
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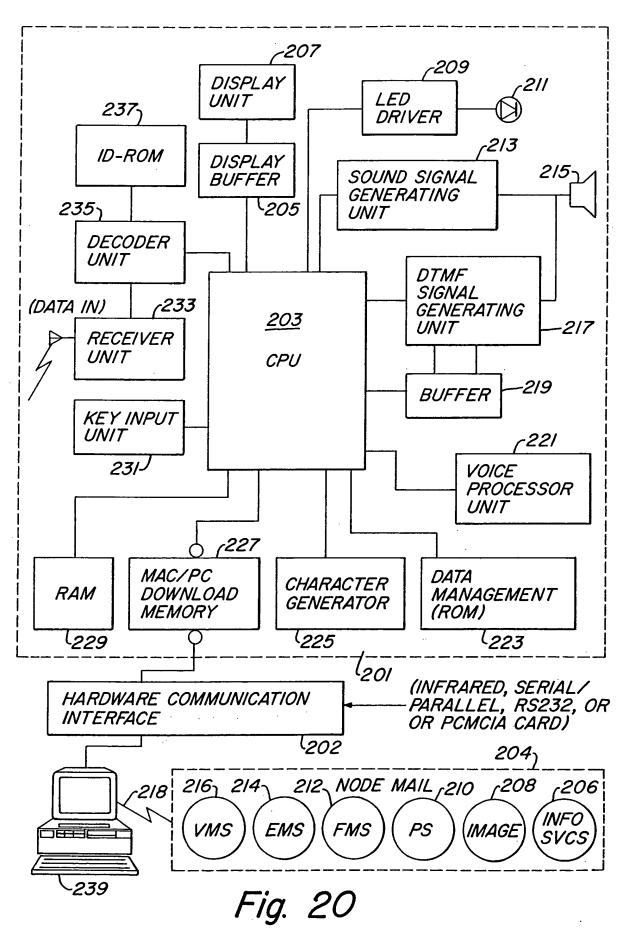
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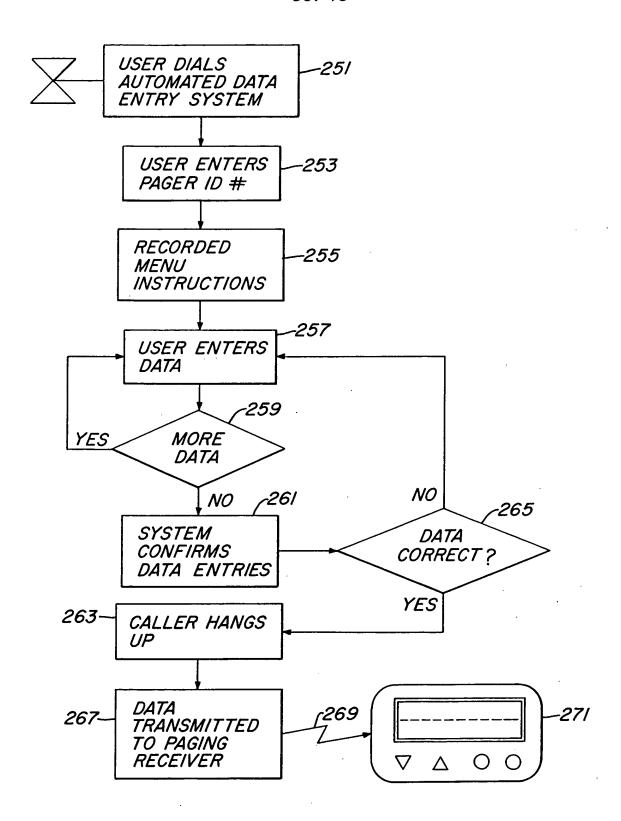


Fig. 21

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NT	72 7	
OTHER DATA	KAZUO HASHIMOTO 123 ANYWHERE ST., SAN FRANCISCO, CA VI ABC COMPANY 1 TEST PLAZA, PORTLAND, OR ZYZ INC. 8 WAY, SAN FRANCISCO, CA	
NAME	KAZUO HASHIMOTO ABC COMPANY ZYZ INC.	
FAX NO.	-4 5-555-2 2 -503-777-8889 -510-444- 2 2	
TEL. NO.	-4 5-555- 2 2 -503-777-8889 -4 5-54 -0500	

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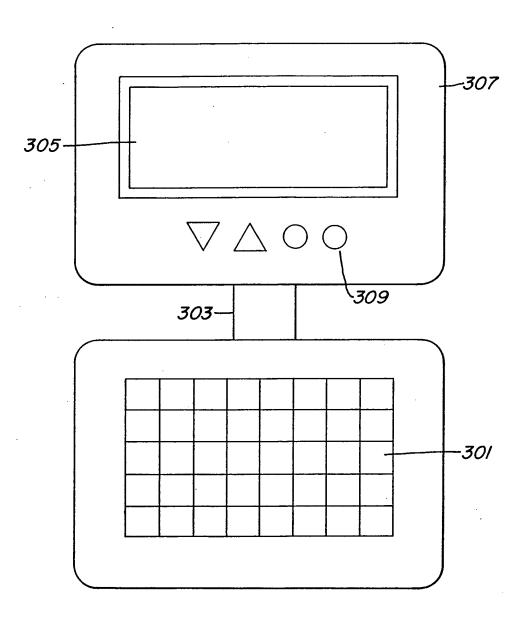


Fig. 23

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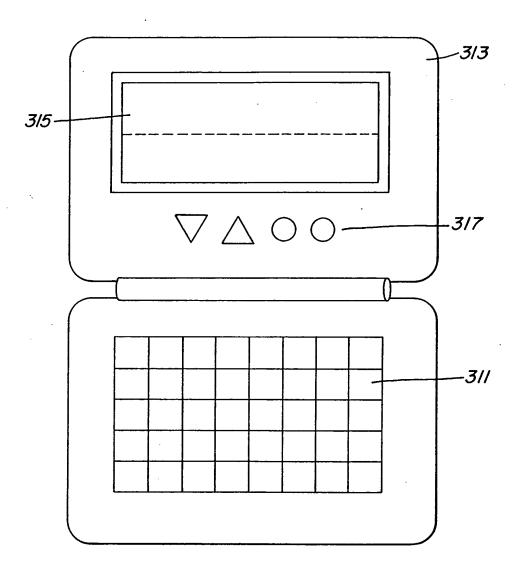


Fig. 24

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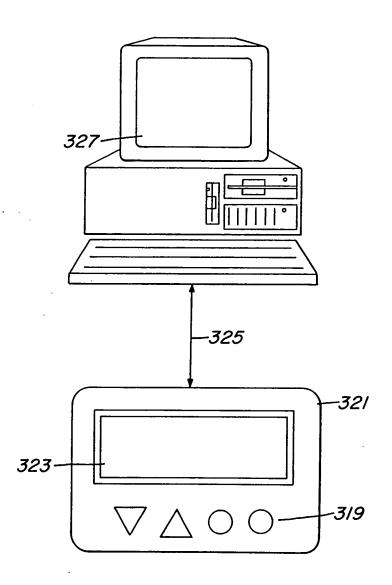


Fig. 25

Ittle: Method and Apparatus for Improved Personal Communication Device Inventor: Henderson, Daniel A. Filing Date: December 2, 2005 Docket No.: 3052/119 Page 38 of 45

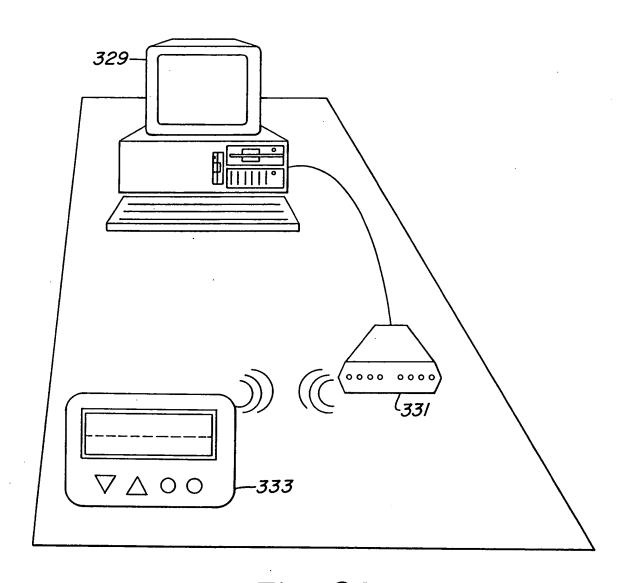


Fig. 26

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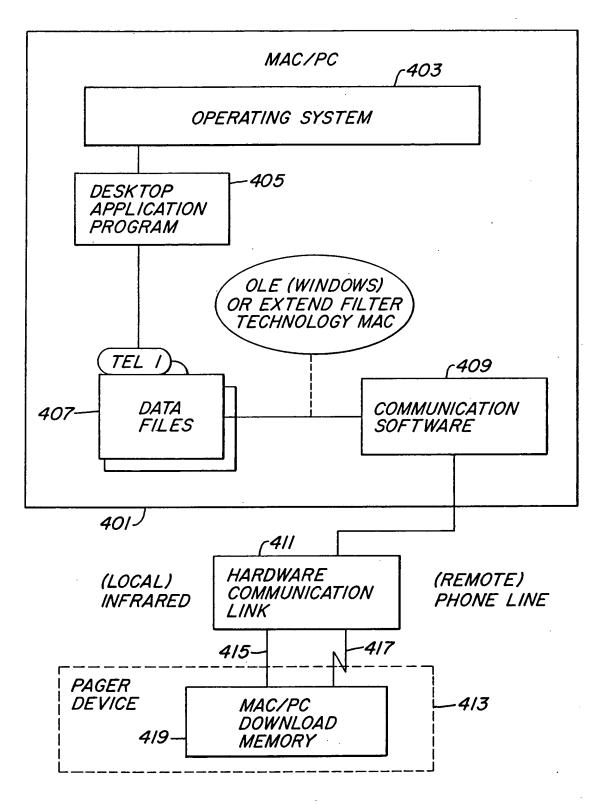
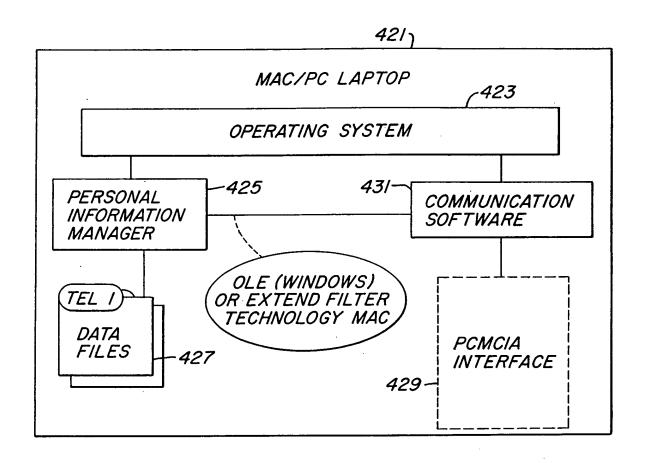
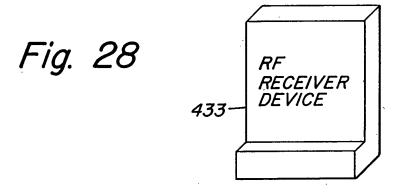


Fig. 27

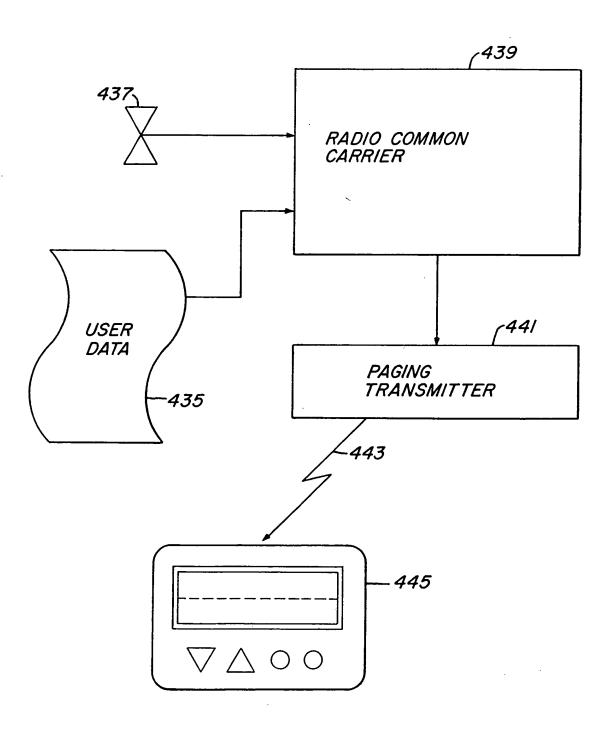
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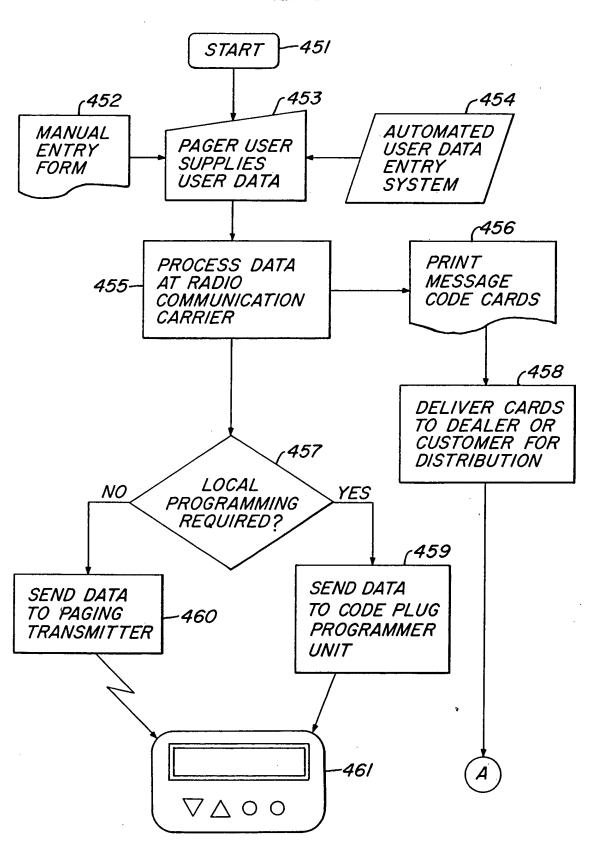
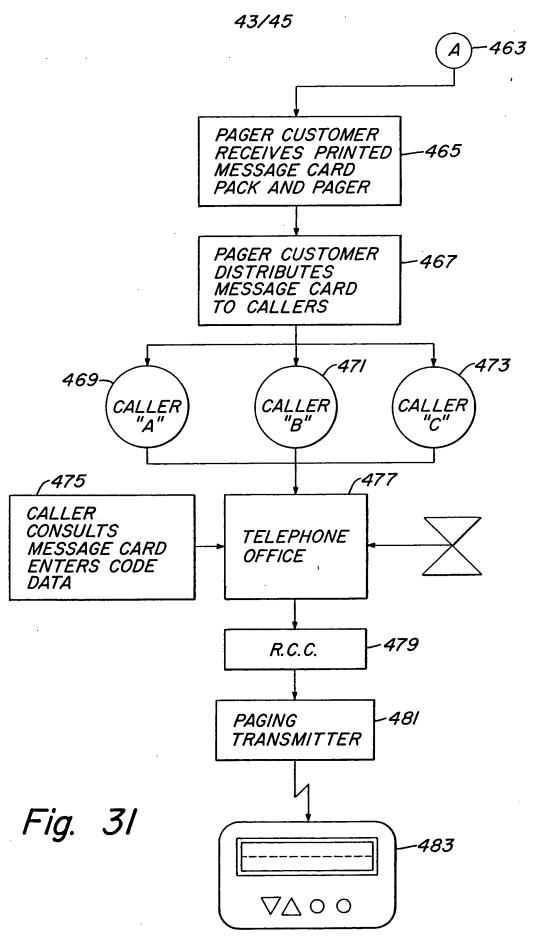


Fig. 30

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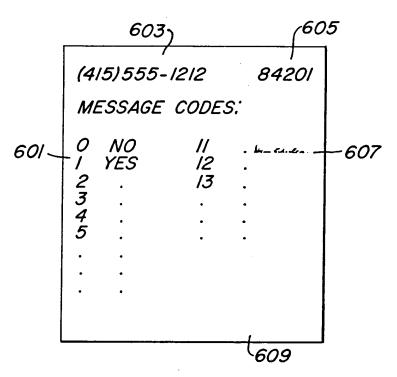


Fig. 32

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	MESSAGE CODE	(PLEASE PRINT)	
	11	PICK UP THE KIDS	-61
	12		
	•	•	
		·	
	•		
•			
	•	•	
	PHONE DATA	NAME DATA	
613-	5551212	JOHN SMITH	
	5551313	JOHN SMITH-FAX	
		•	
	•	•	
	•	•	
'	615		